

INDUSTRIAL SWITCHED INTERLOCKED SOCKET OUTLETS >50V



REFERENCE STANDARDS

IEC EN 60309-1
IEC EN 60309-2
IEC EN 60309-4

MARKINGS AND DIRECTIVES



QUALITY MARKS



VERSION WITH MECHANICAL INTERLOCK

	With switch-disconnector
	With switch-disconnector and fuse
	With molded case circuit breaker with thermal magnetic trip unit

TECHNICAL CHARACTERISTICS

Rated current:	16A-32A-63A
Rated voltage:	>50÷690V
Frequency:	50÷500Hz, DC
Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
Protection degree:	IP66/IP67/IP69
Installation temperature:	-40°C +60°C
Enclosure material:	Thermosetting GRP (Halogen Free)
Colour:	Grey RAL 7037
Self extinguishing degree (GWT):	960°C (body) 960°C (socket contact carrier) 960°C (switch)
Impact resistance (IK degree):	IK10 (-40°C)
Fuses:	16A-32A gG 10,3x38mm 63A gG 22x58mm
Insulation class:	Class II (double insulation) □
Auxiliary contacts:	Max 2 auxiliary contacts
Handle lock (with padlock):	OFF and ON
Max diameter of the padlock arch for handle padlocking:	16A-32A 5mm 63A 6,3mm

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited resistance	Resistant	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant

Resistance values to chemical agents have to be considered indicative. For further information and specific substances, contact the technical service.



■ SWITCH-DISCONNECTOR TECHNICAL CHARACTERISTICS

Switch type				Y1		Y2	
Switched interlocked socket outlet rated current				16A	32A	63A	
Conventional enclosed thermal current I_{the}			A	16	32	63	
Rated operational current I_e	AC21A	Resistive loads, including moderate overloads	415V	A	16	32	63
			500V	A	16	32	63
			690V	A	16	32	63
	AC22A	Mixed resistive and inductive loads, including moderate overloads	415V	A	16	32	63
			500V	A	16	32	63
			690V	A	16	32	63
	AC23A	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	A	16	32	63
			500V	A	16	32	40
			690V	A	16	25	30
	AC3	Squirrel-cage motor: starting, switching off motor during running (3 phase / 3 pole)	400V	A	16	28.5	40
			600V	A	12	20	25
	DC22A ¹⁾	Mixed resistive and inductive loads, including moderate overloads	250V	A	16	32	63
600V			A	10	10	-	
Rated operational power according to utilization category at 415V	AC23A ²⁾	Switching of motor loads or other highly inductive loads (3 phase/3 pole)	415V	kW	7.5	15	33

For further technical information on the switches, refer to the characteristics of the COMMAND and ISOLATORS series.

¹⁾ 4P versions with poles in series.

²⁾ This value is provided as an indication considering the most critical inductive load condition and may vary according to the specifications provided by the motor manufacturer.

■ CABLING CAPACITY OF THE ENTRY TERMINALS (SWITCH)

Rated current			16A	32A	63A
Cross-section of the connectable conductors	mm	Min	1.5	1.5	6
		Max	10	10	35
Tightening torque	Nm		0.8	0.8	3.6

